8. (Twice Amended) A system for recreating a complex data object having a structure, the system comprising:

a persistent representation of the structure of the complex data object and containing a sequence of directly executable instructions, wherein the instructions are calls to a predefined set of data types and methods for creating complex data objects;

a library having the predefined set of data types and methods for creating complex data objects; and

a program interpreter for directly executing the instructions as a sequence of calls on the library so as to directly construct the complex data object from the persistent representation, without parsing and translating an explicit definition of the complex data object's structure.

10. (Twice Amended) A system for recreating a complex data object from a persistent representation of its structure, the system comprising:

a library having a predefined set of data types and methods for creating complex data objects; and

a program interpreter for interpreting the contents of the persistent representation as a sequence of directly executable instructions, and for executing those instructions as a sequence of calls on the library so as to construct the complex data object directly from the persistent representation, without parsing and translating an explicit definition of the complex data object's structure.

15. (Amended) A storage medium containing a persistent representation of the structure of a multicomponent data object as a sequence of instructions directly executable, wherein the directly executable instructions are calls to a set of predefined functions that are called by a program interpreter implemented in a digital computer so as to recreate the structure of the multicomponent data object, without parsing and translating an explicit definition of the multicomponent data object's structure.

19. (Twice Amended) A storage medium containing computer-executable instructions and data for interpreting a persistent representation of the structure of a complex data object as a sequence of directly executable virtual instructions for directly constructing the complex data object as a series of calls on a library of predefined functions, without parsing and translating an explicit definition of the complex data object's structure.

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